

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"551732".ap.	US-PGPUB; USPAT	ADJ	ON	2007/12/10 09:05
S2	6	("20050268999"   "20070023281"   "6331233"   "6348113"   "6348139"   "7156963"). PN.	US-PGPUB; USPAT	ADJ	ON	2007/12/10 09:06
S3	154	148/668.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/11 14:10
S4	63	148/668.ccls. and (tantalum or ta)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 14:10
S5	3	(tantalum or ta) and (nonrecrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 14:29
S6	16	(tantalum or ta) and (non-recrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 14:30
S7	0	148/668.ccls. and (tantalum or ta) and (non-recrystal\$8 or nonrecrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 14:48
S8	273	204/298.12.ccls. and (tantalum or ta)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 15:04
S9	2	204/298.12.ccls. and (tantalum or ta) and (nonrecrystal\$8 or non- recrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 15:04
S10	4	(sputter\$4 with target) and (non-recrystal\$8 or nonrecrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 15:11
S11	8	(sputter\$4) and (non- recrystal\$8 or nonrecrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 15:14
S12	1	ta sputtering targets method manufacturing	EPO	ADJ	ON	2007/12/11 15:20
S13	605	(tantalum or ta) and (sputter\$4 and (Vicker\$3 with hardness))	US-PGPUB; USPAT	ADJ	ON	2007/12/11 15:34
S14	143	((tantalum or ta) with (sputter\$4)) and (Vicker \$3 with hardness)	US-PGPUB; USPAT	ADJ	ON	2007/12/11 15:35
S15	1	("20030082864").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/11 15:45

S16	1	("20070089815").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/11 15:50
S17	1	("20050284546").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/11 15:51
S18	1	("6193821").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/11 15:55
S19	10	(sputter\$4) and (non-recrystal\$8 or nonrecrystal\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/12 08:21
S20	313	tantalum and sputter\$4 target	JPO; DERWENT	ADJ	ON	2007/12/12 08:45
S21	12	tantalum and sputter\$4 target and \$4recrystal\$8	JPO; DERWENT	ADJ	ON	2007/12/12 08:46
S22	2	(sputter\$4) and (non-recrystal\$8 or nonrecrystal\$8)	EPO; JPO; DERWENT	ADJ	ON	2007/12/12 08:51
S23	4	(target) and (non-recrystal\$8 or nonrecrystal\$8)	EPO; JPO; DERWENT	ADJ	ON	2007/12/12 08:52
S24	55	(target) and (non-recrystal\$8 or nonrecrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/12 08:57
S25	18	(tantalum or ta) and (non-recrystal\$8 or nonrecrystal\$8)	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:17
S26	924	(tantalum or ta) with hardness	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:37
S27	43	(tantalum or ta) with hardness with vicker	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:37
S28	57	(tantalum or ta) with hardness with vicker	JPO; DERWENT	ADJ	ON	2007/12/12 09:39

12/12/2007 4:22:21 PM

C:\ Documents and Settings\cfogarty\ My Documents\ EAST\ Workspaces\ 10551732.wsp